

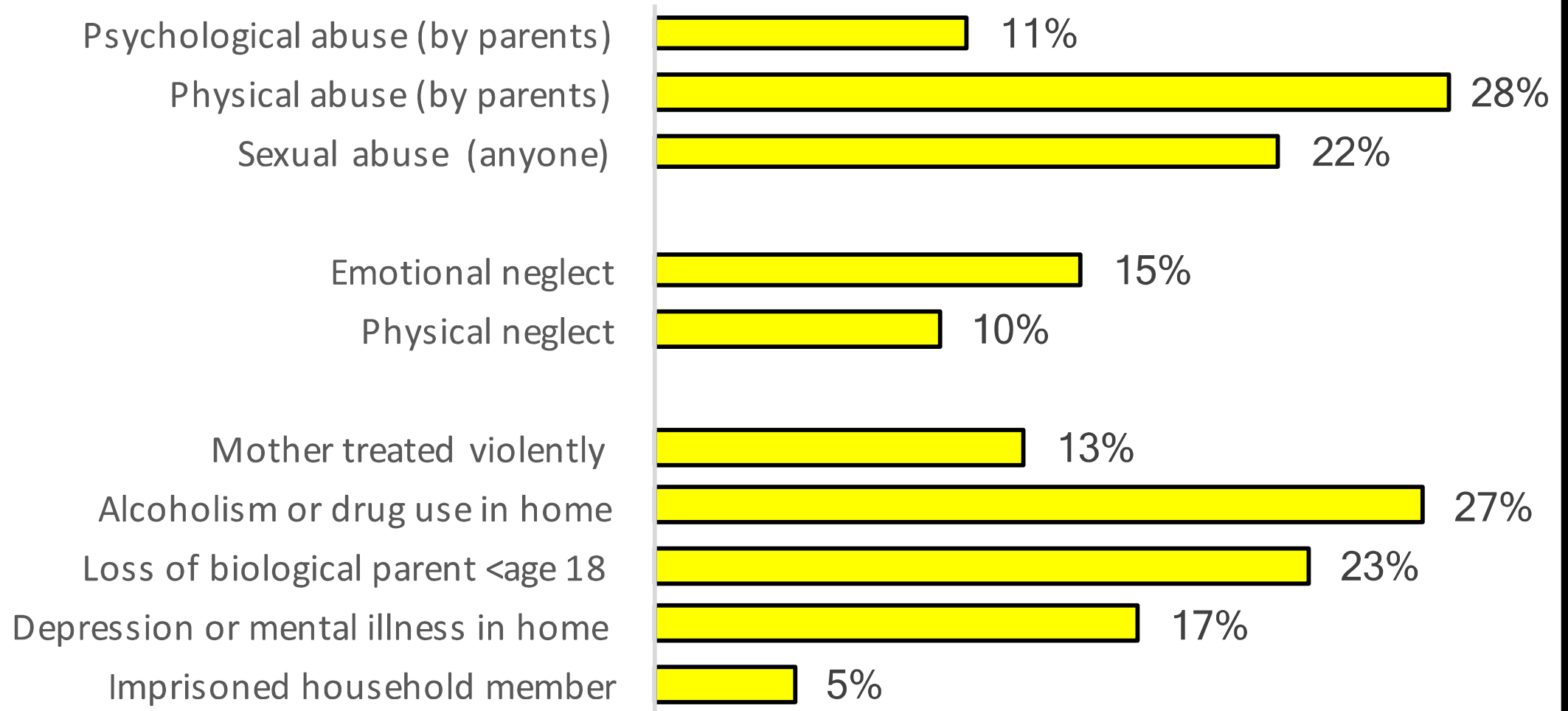
Adverse Childhood Experiences – Toxic Stress

We need to move up stream.

Edward Redd MD
Logan, UT

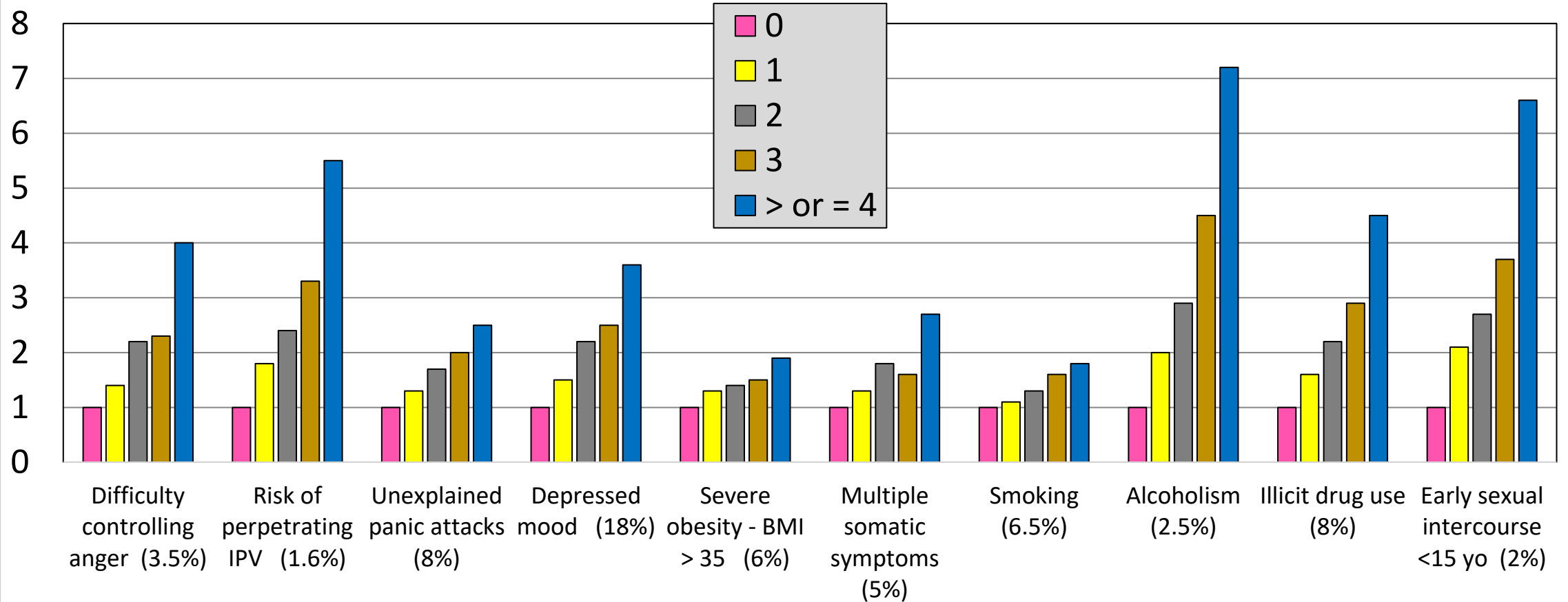


Prevalence of Adverse Childhood Experiences

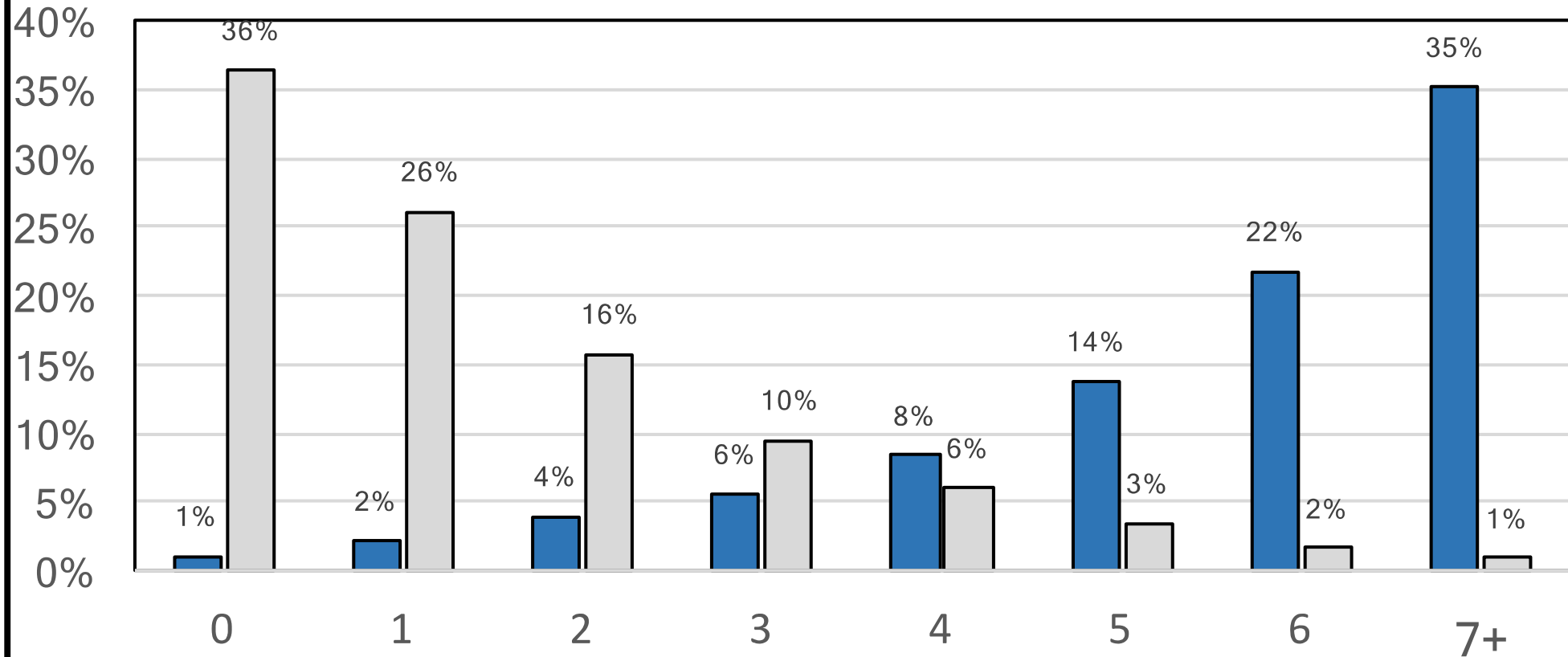


ACE Scores and Odds Ratios for Adverse Outcomes

Kaiser Permanente Study of 17,337 adults



People in Each ACE Score Category (% of 17,337) Lifetime History of Attempted Suicide (%)



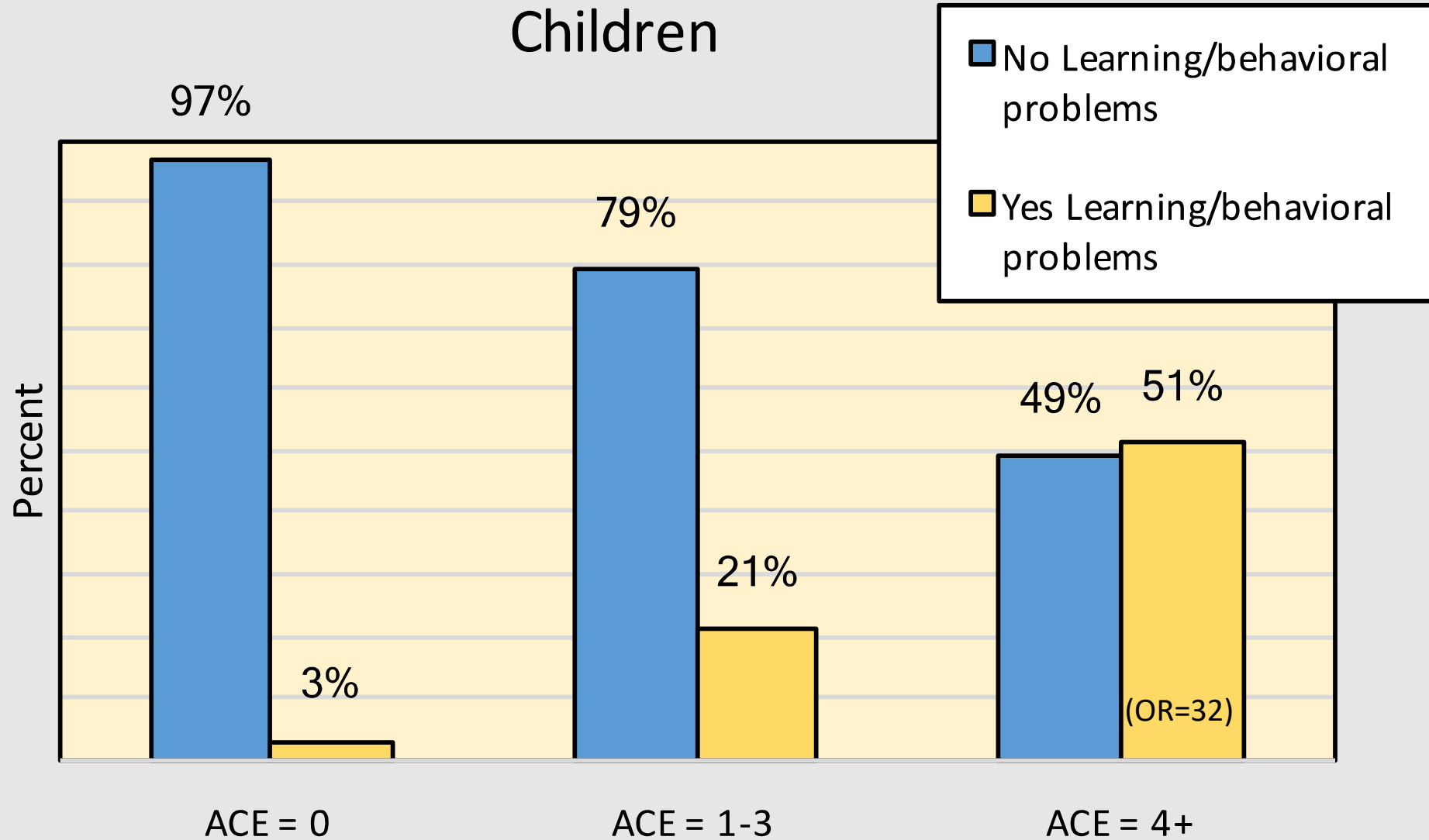
JAMA 2001;286:3089-3096

ACE Score

■ Prevalence of Attempted Suicide

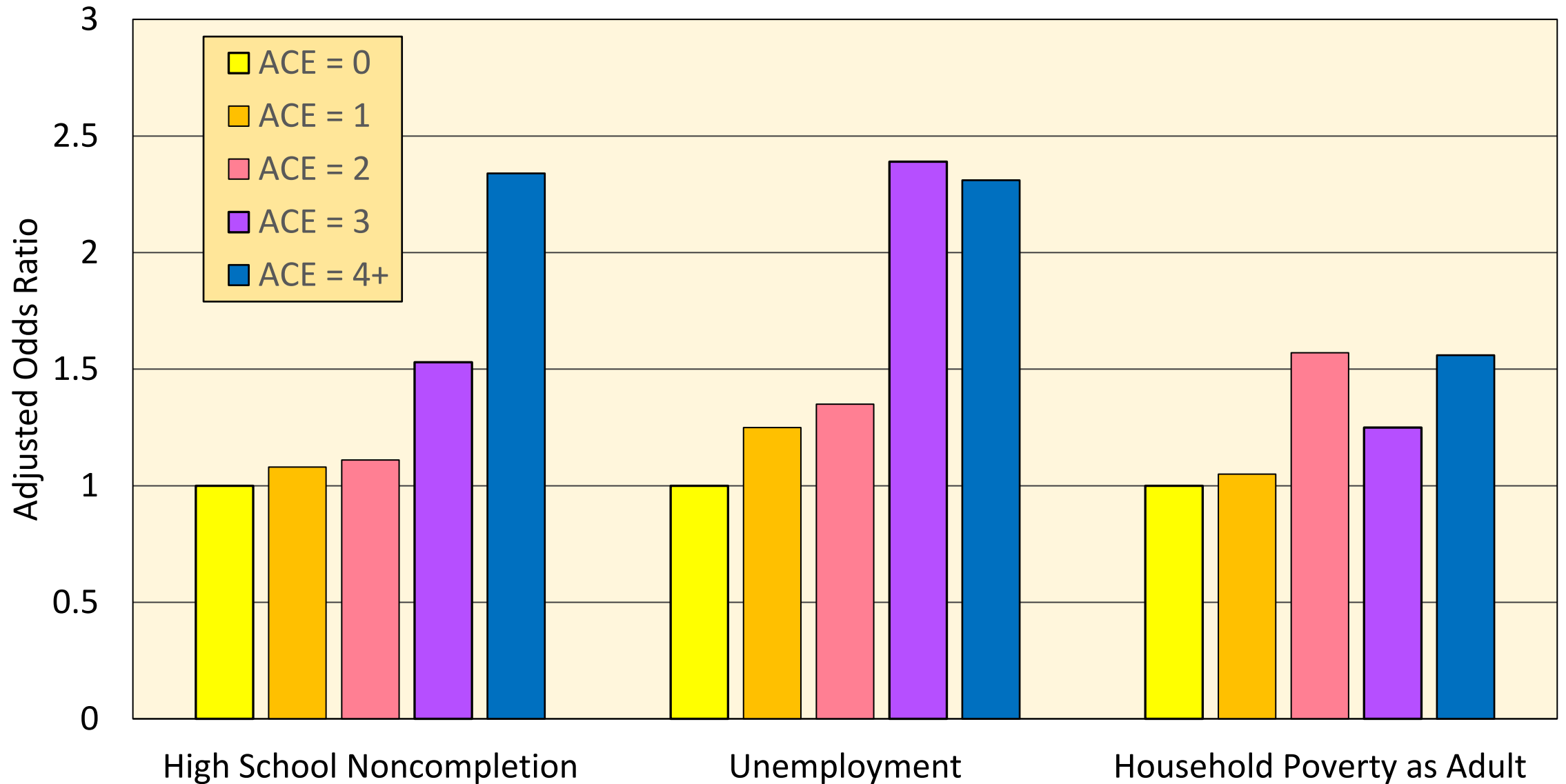
■ Percent of total number of people

ACE's and Learning/Behavioral Problems in Children



ACE's and Risk of High School Noncompletion, Unemployment, and Adult Poverty

Odds Ratios Adjusted for Age, Race, Sex for High School Noncompletion and for Unemployment and Household Poverty also adjusted for level of education



LIFE EXPECTANCY

People with six or more ACEs died nearly **20 years earlier on average** than those without ACEs.

0



80
YEARS

6+



60
YEARS

ECONOMIC TOLL

The Centers for Disease Control and Prevention (CDC) estimates the lifetime costs associated with child maltreatment at **\$124 billion.**



Prevalence of Adverse Childhood Experiences

